

Battery Thermal Management System Industry Research Report 2023

<https://marketpublishers.com/r/B6998E61569DEN.html>

Date: August 2023

Pages: 85

Price: US\$ 2,950.00 (Single User License)

ID: B6998E61569DEN

Abstracts

Battery Thermal Management System is a system controlling the cooling and pre-heating of battery used in electric and hybrid vehicles. Automotive Battery Thermal Management System is part of the automotive thermal management system. It ensures batteries operate within a certain temperature range, will be crucial to helping electric cars drive greater distances for a longer period of time. The major parts of automotive battery thermal management system are Cooling plate, battery cooler, electronic water pump and electronic expansion valve. Most of these parts are produced by the system suppliers.

Highlights

The global Battery Thermal Management System market is projected to reach US\$ million by 2028 from an estimated US\$ million in 2022, at a CAGR of % during 2024 and 2029.

The main Battery Thermal Management System players include Mahle, Valeo, Hanon Systems, Gentherm, Dana, etc. The top five Battery Thermal Management System players account for approximately 60% of the total global market. Europe is the largest consumer market for Battery Thermal Management System, accounting for about 77%, followed by North America and China. In terms of type, Liquid Cooling is the largest segment, with a share about 87%. And in terms of application, the largest application is Pure Electric, followed by Plug-In Hybrid.

Report Scope

This report aims to provide a comprehensive presentation of the global market for

Battery Thermal Management System, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding Battery Thermal Management System.

The Battery Thermal Management System market size, estimations, and forecasts are provided in terms of output/shipments (K Units) and revenue (\$ millions), considering 2022 as the base year, with history and forecast data for the period from 2018 to 2029. This report segments the global Battery Thermal Management System market comprehensively. Regional market sizes, concerning products by types, by application, and by players, are also provided. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

The report will help the Battery Thermal Management System manufacturers, new entrants, and industry chain related companies in this market with information on the revenues, production, and average price for the overall market and the sub-segments across the different segments, by company, product type, application, and regions.

Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2017-2022. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

Mahle

Valeo

Hanon Systems

Gentherm

Dana

Grayson

Product Type Insights

Global markets are presented by Battery Thermal Management System type, along with growth forecasts through 2029. Estimates on production and value are based on the price in the supply chain at which the Battery Thermal Management System are procured by the manufacturers.

This report has studied every segment and provided the market size using historical data. They have also talked about the growth opportunities that the segment may pose in the future. This study bestows production and revenue data by type, and during the historical period (2018-2023) and forecast period (2024-2029).

Battery Thermal Management System segment by Type

Liquid Cooling and Heating

Air Cooling and Heating

Application Insights

This report has provided the market size (production and revenue data) by application, during the historical period (2018-2023) and forecast period (2024-2029).

This report also outlines the market trends of each segment and consumer behaviors impacting the Battery Thermal Management System market and what implications these may have on the industry's future. This report can help to understand the relevant market and consumer trends that are driving the Battery Thermal Management System market.

Battery Thermal Management System segment by Application

BEV

PHEV

Regional Outlook

This section of the report provides key insights regarding various regions and the key players operating in each region. Economic, social, environmental, technological, and political factors have been taken into consideration while assessing the growth of the particular region/country. The readers will also get their hands on the revenue and sales data of each region and country for the period 2018-2029.

The market has been segmented into various major geographies, including North America, Europe, Asia-Pacific, South America. Detailed analysis of major countries such as the USA, Germany, the U.K., Italy, France, China, Japan, South Korea, Southeast Asia, and India will be covered within the regional segment. For market estimates, data are going to be provided for 2022 because of the base year, with estimates for 2023 and forecast value for 2029.

North America

United States

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

COVID-19 and Russia-Ukraine War Influence Analysis

The readers in the section will understand how the Battery Thermal Management System market scenario changed across the globe during the pandemic, post-pandemic and Russia-Ukraine War. The study is done keeping in view the changes in aspects such as demand, consumption, transportation, consumer behavior, supply chain management, export and import, and production. The industry experts have also highlighted the key factors that will help create opportunities for players and stabilize the overall industry in the years to come.

Reasons to Buy This Report

This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Battery Thermal Management System market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.

This report will help stakeholders to understand the global industry status and trends of Battery Thermal Management System and provides them with information on key market drivers, restraints, challenges, and opportunities.

This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.

This report stays updated with novel technology integration, features, and the latest developments in the market

This report helps stakeholders to understand the COVID-19 and Russia-Ukraine War Influence on the Battery Thermal Management System industry.

This report helps stakeholders to gain insights into which regions to target globally

This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Battery Thermal Management System.

This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Core Chapters

Chapter 1: Research objectives, research methods, data sources, data cross-validation;

Chapter 2: Introduces the report scope of the report, executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 3: Detailed analysis of Battery Thermal Management System manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 4: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 5: Production/output, value of Battery Thermal Management System by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 6: Consumption of Battery Thermal Management System in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 7: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 8: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 11: The main points and conclusions of the report.

Frequently Asked Questions

Which product segment grabbed the largest share in the Product Name market?

How is the competitive scenario of the Product Name market?

Which are the key factors aiding the Product Name market growth?

Which are the prominent players in the Product Name market?

Which region holds the maximum share in the Product Name market?

What will be the CAGR of the Product Name market during the forecast period?

Which application segment emerged as the leading segment in the Product Name market?

What key trends are likely to emerge in the Product Name market in the coming years?

What will be the Product Name market size by 2028?

Which company held the largest share in the Product Name market?

Contents

LIST OF TABLES

Table 1. Secondary Sources

Table 2. Primary Sources

Table 3. Market Value Comparison by Type (2018 VS 2022 VS 2029) & (US\$ Million)

Table 4. Market Value Comparison by Application (2018 VS 2022 VS 2029) & (US\$ Million)

Table 5. Global Battery Thermal Management System Production by Manufacturers (K Units) & (2018-2023)

Table 6. Global Battery Thermal Management System Production Market Share by Manufacturers

Table 7. Global Battery Thermal Management System Production Value by Manufacturers (US\$ Million) & (2018-2023)

Table 8. Global Battery Thermal Management System Production Value Market Share by Manufacturers (2018-2023)

Table 9. Global Battery Thermal Management System Average Price (US\$/Unit) of Key Manufacturers (2018-2023)

Table 10. Global Battery Thermal Management System Industry Manufacturers Ranking, 2021 VS 2022 VS 2023

Table 11. Global Battery Thermal Management System Manufacturers, Product Type & Application

Table 12. Global Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 13. Global Battery Thermal Management System by Manufacturers Type (Tier 1, Tier 2, and Tier 3) & (based on the Production Value of 2022)

Table 14. Manufacturers Mergers & Acquisitions, Expansion Plans)

Table 15. Mahle Battery Thermal Management System Company Information

Table 16. Mahle Business Overview

Table 17. Mahle Battery Thermal Management System Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 18. Mahle Product Portfolio

Table 19. Mahle Recent Developments

Table 20. Valeo Battery Thermal Management System Company Information

Table 21. Valeo Business Overview

Table 22. Valeo Battery Thermal Management System Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 23. Valeo Product Portfolio

Table 24. Valeo Recent Developments

- Table 25. Hanon Systems Battery Thermal Management System Company Information
- Table 26. Hanon Systems Business Overview
- Table 27. Hanon Systems Battery Thermal Management System Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 28. Hanon Systems Product Portfolio
- Table 29. Hanon Systems Recent Developments
- Table 30. Gentherm Battery Thermal Management System Company Information
- Table 31. Gentherm Business Overview
- Table 32. Gentherm Battery Thermal Management System Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 33. Gentherm Product Portfolio
- Table 34. Gentherm Recent Developments
- Table 35. Dana Battery Thermal Management System Company Information
- Table 36. Dana Business Overview
- Table 37. Dana Battery Thermal Management System Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 38. Dana Product Portfolio
- Table 39. Dana Recent Developments
- Table 40. Grayson Battery Thermal Management System Company Information
- Table 41. Grayson Business Overview
- Table 42. Grayson Battery Thermal Management System Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 43. Grayson Product Portfolio
- Table 44. Grayson Recent Developments
- Table 45. Global Battery Thermal Management System Production Comparison by Region: 2018 VS 2022 VS 2029 (K Units)
- Table 46. Global Battery Thermal Management System Production by Region (2018-2023) & (K Units)
- Table 47. Global Battery Thermal Management System Production Market Share by Region (2018-2023)
- Table 48. Global Battery Thermal Management System Production Forecast by Region (2024-2029) & (K Units)
- Table 49. Global Battery Thermal Management System Production Market Share Forecast by Region (2024-2029)
- Table 50. Global Battery Thermal Management System Production Value Comparison by Region: 2018 VS 2022 VS 2029 (US\$ Million)
- Table 51. Global Battery Thermal Management System Production Value by Region (2018-2023) & (US\$ Million)
- Table 52. Global Battery Thermal Management System Production Value Market Share

by Region (2018-2023)

Table 53. Global Battery Thermal Management System Production Value Forecast by Region (2024-2029) & (US\$ Million)

Table 54. Global Battery Thermal Management System Production Value Market Share Forecast by Region (2024-2029)

Table 55. Global Battery Thermal Management System Market Average Price (US\$/Unit) by Region (2018-2023)

Table 56. Global Battery Thermal Management System Consumption Comparison by Region: 2018 VS 2022 VS 2029 (K Units)

Table 57. Global Battery Thermal Management System Consumption by Region (2018-2023) & (K Units)

Table 58. Global Battery Thermal Management System Consumption Market Share by Region (2018-2023)

Table 59. Global Battery Thermal Management System Forecasted Consumption by Region (2024-2029) & (K Units)

Table 60. Global Battery Thermal Management System Forecasted Consumption Market Share by Region (2024-2029)

Table 61. North America Battery Thermal Management System Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (K Units)

Table 62. North America Battery Thermal Management System Consumption by Country (2018-2023) & (K Units)

Table 63. North America Battery Thermal Management System Consumption by Country (2024-2029) & (K Units)

Table 64. Europe Battery Thermal Management System Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (K Units)

Table 65. Europe Battery Thermal Management System Consumption by Country (2018-2023) & (K Units)

Table 66. Europe Battery Thermal Management System Consumption by Country (2024-2029) & (K Units)

Table 67. Asia Pacific Battery Thermal Management System Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (K Units)

Table 68. Asia Pacific Battery Thermal Management System Consumption by Country (2018-2023) & (K Units)

Table 69. Asia Pacific Battery Thermal Management System Consumption by Country (2024-2029) & (K Units)

Table 70. Latin America, Middle East & Africa Battery Thermal Management System Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (K Units)

Table 71. Latin America, Middle East & Africa Battery Thermal Management System Consumption by Country (2018-2023) & (K Units)

Table 72. Latin America, Middle East & Africa Battery Thermal Management System Consumption by Country (2024-2029) & (K Units)

Table 73. Global Battery Thermal Management System Production by Type (2018-2023) & (K Units)

Table 74. Global Battery Thermal Management System Production by Type (2024-2029) & (K Units)

Table 75. Global Battery Thermal Management System Production Market Share by Type (2018-2023)

Table 76. Global Battery Thermal Management System Production Market Share by Type (2024-2029)

Table 77. Global Battery Thermal Management System Production Value by Type (2018-2023) & (US\$ Million)

Table 78. Global Battery Thermal Management System Production Value by Type (2024-2029) & (US\$ Million)

Table 79. Global Battery Thermal Management System Production Value Market Share by Type (2018-2023)

Table 80. Global Battery Thermal Management System Production Value Market Share by Type (2024-2029)

Table 81. Global Battery Thermal Management System Price by Type (2018-2023) & (US\$/Unit)

Table 82. Global Battery Thermal Management System Price by Type (2024-2029) & (US\$/Unit)

Table 83. Global Battery Thermal Management System Production by Application (2018-2023) & (K Units)

Table 84. Global Battery Thermal Management System Production by Application (2024-2029) & (K Units)

Table 85. Global Battery Thermal Management System Production Market Share by Application (2018-2023)

Table 86. Global Battery Thermal Management System Production Market Share by Application (2024-2029)

Table 87. Global Battery Thermal Management System Production Value by Application (2018-2023) & (US\$ Million)

Table 88. Global Battery Thermal Management System Production Value by Application (2024-2029) & (US\$ Million)

Table 89. Global Battery Thermal Management System Production Value Market Share by Application (2018-2023)

Table 90. Global Battery Thermal Management System Production Value Market Share by Application (2024-2029)

Table 91. Global Battery Thermal Management System Price by Application

(2018-2023) & (US\$/Unit)

Table 92. Global Battery Thermal Management System Price by Application

(2024-2029) & (US\$/Unit)

Table 93. Key Raw Materials

Table 94. Raw Materials Key Suppliers

Table 95. Battery Thermal Management System Distributors List

Table 96. Battery Thermal Management System Customers List

Table 97. Battery Thermal Management System Industry Trends

Table 98. Battery Thermal Management System Industry Drivers

Table 99. Battery Thermal Management System Industry Restraints

Table 100. Authors 12. List of This Report

List Of Figures

LIST OF FIGURES

Figure 1. Research Methodology

Figure 2. Research Process

Figure 3. Key Executives Interviewed

Figure 4. Battery Thermal Management System Product Picture

Figure 5. Market Value Comparison by Type (2018 VS 2022 VS 2029) & (US\$ Million)

Figure 6. Liquid Cooling and Heating Product Picture

Figure 7. Air Cooling and Heating Product Picture

Figure 8. BEV Product Picture

Figure 9. PHEV Product Picture

Figure 10. Global Battery Thermal Management System Production Value (US\$ Million), 2018 VS 2022 VS 2029

Figure 11. Global Battery Thermal Management System Production Value (2018-2029) & (US\$ Million)

Figure 12. Global Battery Thermal Management System Production Capacity (2018-2029) & (K Units)

Figure 13. Global Battery Thermal Management System Production (2018-2029) & (K Units)

Figure 14. Global Battery Thermal Management System Average Price (US\$/Unit) & (2018-2029)

Figure 15. Global Battery Thermal Management System Key Manufacturers, Manufacturing Sites & Headquarters

Figure 16. Global Battery Thermal Management System Manufacturers, Date of Enter into This Industry

Figure 17. Global Top 5 and 10 Battery Thermal Management System Players Market Share by Production Value in 2022

Figure 18. Manufacturers Type (Tier 1, Tier 2, and Tier 3): 2018 VS 2022

Figure 19. Global Battery Thermal Management System Production Comparison by Region: 2018 VS 2022 VS 2029 (K Units)

Figure 20. Global Battery Thermal Management System Production Market Share by Region: 2018 VS 2022 VS 2029

Figure 21. Global Battery Thermal Management System Production Value Comparison by Region: 2018 VS 2022 VS 2029 (US\$ Million)

Figure 22. Global Battery Thermal Management System Production Value Market Share by Region: 2018 VS 2022 VS 2029

Figure 23. North America Battery Thermal Management System Production Value (US\$

Million) Growth Rate (2018-2029)

Figure 24. Europe Battery Thermal Management System Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 25. China Battery Thermal Management System Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 26. Japan Battery Thermal Management System Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 27. South Korea Battery Thermal Management System Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 28. India Battery Thermal Management System Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 29. Global Battery Thermal Management System Consumption Comparison by Region: 2018 VS 2022 VS 2029 (K Units)

Figure 30. Global Battery Thermal Management System Consumption Market Share by Region: 2018 VS 2022 VS 2029

Figure 31. North America Battery Thermal Management System Consumption and Growth Rate (2018-2029) & (K Units)

Figure 32. North America Battery Thermal Management System Consumption Market Share by Country (2018-2029)

Figure 33. United States Battery Thermal Management System Consumption and Growth Rate (2018-2029) & (K Units)

Figure 34. Canada Battery Thermal Management System Consumption and Growth Rate (2018-2029) & (K Units)

Figure 35. Europe Battery Thermal Management System Consumption and Growth Rate (2018-2029) & (K Units)

Figure 36. Europe Battery Thermal Management System Consumption Market Share by Country (2018-2029)

Figure 37. Germany Battery Thermal Management System Consumption and Growth Rate (2018-2029) & (K Units)

Figure 38. France Battery Thermal Management System Consumption and Growth Rate (2018-2029) & (K Units)

Figure 39. U.K. Battery Thermal Management System Consumption and Growth Rate (2018-2029) & (K Units)

Figure 40. Italy Battery Thermal Management System Consumption and Growth Rate (2018-2029) & (K Units)

Figure 41. Netherlands Battery Thermal Management System Consumption and Growth Rate (2018-2029) & (K Units)

Figure 42. Asia Pacific Battery Thermal Management System Consumption and Growth Rate (2018-2029) & (K Units)

Figure 43. Asia Pacific Battery Thermal Management System Consumption Market Share by Country (2018-2029)

Figure 44. China Battery Thermal Management System Consumption and Growth Rate (2018-2029) & (K Units)

Figure 45. Japan Battery Thermal Management System Consumption and Growth Rate (2018-2029) & (K Units)

Figure 46. South Korea Battery Thermal Management System Consumption and Growth Rate (2018-2029) & (K Units)

Figure 47. China Taiwan Battery Thermal Management System Consumption and Growth Rate (2018-2029) & (K Units)

Figure 48. Southeast Asia Battery Thermal Management System Consumption and Growth Rate (2018-2029) & (K Units)

Figure 49. India Battery Thermal Management System Consumption and Growth Rate (2018-2029) & (K Units)

Figure 50. Australia Battery Thermal Management System Consumption and Growth Rate (2018-2029) & (K Units)

Figure 51. Latin America, Middle East & Africa Battery Thermal Management System Consumption and Growth Rate (2018-2029) & (K Units)

Figure 52. Latin America, Middle East & Africa Battery Thermal Management System Consumption Market Share by Country (2018-2029)

Figure 53. Mexico Battery Thermal Management System Consumption and Growth Rate (2018-2029) & (K Units)

Figure 54. Brazil Battery Thermal Management System Consumption and Growth Rate (2018-2029) & (K Units)

Figure 55. Turkey Battery Thermal Management System Consumption and Growth Rate (2018-2029) & (K Units)

Figure 56. GCC Countries Battery Thermal Management System Consumption and Growth Rate (2018-2029) & (K Units)

Figure 57. Global Battery Thermal Management System Production Market Share by Type (2018-2029)

Figure 58. Global Battery Thermal Management System Production Value Market Share by Type (2018-2029)

Figure 59. Global Battery Thermal Management System Price (US\$/Unit) by Type (2018-2029)

Figure 60. Global Battery Thermal Management System Production Market Share by Application (2018-2029)

Figure 61. Global Battery Thermal Management System Production Value Market Share by Application (2018-2029)

Figure 62. Global Battery Thermal Management System Price (US\$/Unit) by Application

(2018-2029)

Figure 63. Battery Thermal Management System Value Chain

Figure 64. Battery Thermal Management System Production Mode & Process

Figure 65. Direct Comparison with Distribution Share

Figure 66. Distributors Profiles

Figure 67. Battery Thermal Management System Industry Opportunities and Challenges

I would like to order

Product name: Battery Thermal Management System Industry Research Report 2023

Product link: <https://marketpublishers.com/r/B6998E61569DEN.html>

Price: US\$ 2,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/B6998E61569DEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970